

**PCB HOT SPOT AREA TCRA  
PROJECT STATUS UPDATE  
BCT MEETING  
OCTOBER 27, 2011**



View of Tier 2 - October 19, 2011



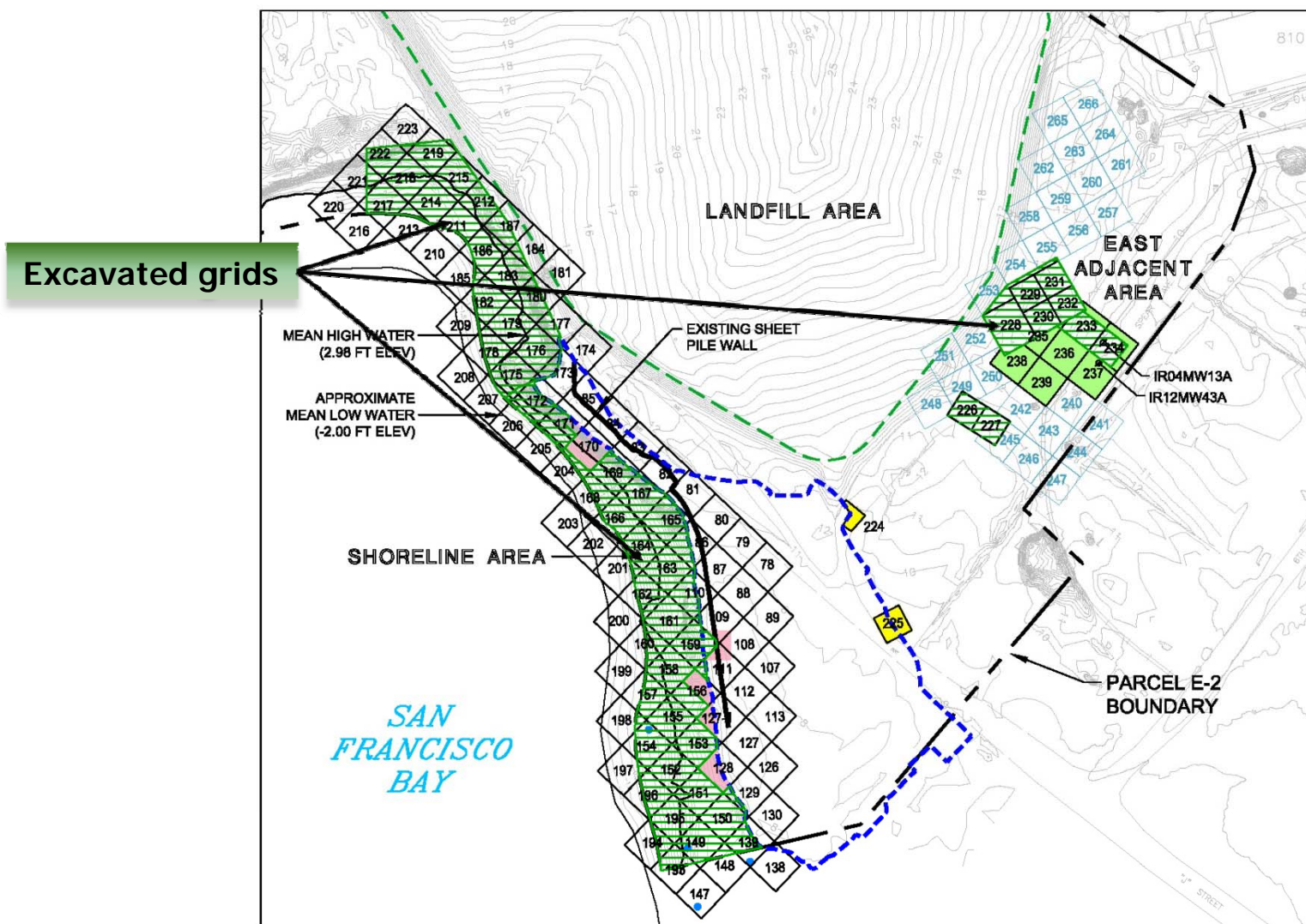
# Outline



- Update on TCRA Progress
  - Tiers 3 & 5
  - Tier 2
  - Tier 1
- What's Next
- Schedule



# TCRA Progress – Completed Excavations





## Update Tiers 3 and 5



- 6,300 cy excavated to date in Tiers 3 and 5
- Tier 3
  - 100% of original Tier 3 grids excavated to depth (3-10 feet bgs) and confirmation sampled
  - Grid 231
    - Continued sidewall over-excavation on October 14
    - Results show sidewall still not meeting PALs for TPH and lead
      - Lead = 110,000 mg/kg (PAL = 19,700 mg/kg)
      - TPH = 9,000 mg/kg (PAL = 3,500 mg/kg)
  - 63% of Tier 3 has been backfilled (in area where no over-excavation is required)
- Tier 5
  - No over-excavation required to date





## Update Tiers 3 and 5 (continued)



View of Tier 3 partially backfilled, facing southwest – October 13, 2011



## Update Tiers 3 and 5 (continued)



Tier 3, Grid 224 at 10 feet bgs – October 25, 2011





## Update Tier 2



- 100% of grids excavated, sampled, and backfilled with clean sand
- 8,700 cy excavated to date
- Over-excavation was required in six grids
- Grid 177 over-excavated on September 22
  - Sidewall sample exceeded PCB PAL at 5 ft bgs
    - PCBs = 13.4 mg/kg (PAL = 7.5 mg/kg)
  - Bottom sample exceeded PCB and Cu PALs at 10.3 ft bgs
    - PCBs = 8.6 mg/kg (PAL = 7.5 mg/kg)
    - Cu = 17,000 mg/kg (PAL = 4,700 mg/kg)
  - Further over-excavations to remove PCB and Cu are planned



## Update Tier 2 (continued)



Over-excavation of Grid 177 sidewall – September 22, 2011





## Update Tier 2 (continued)



Approximate location of Grid 177

Tier 2 looking east – October 12, 2011



## Update Tier 2 (continued)



View of Tier 2 looking north – October 12, 2011



## Update Tier 1



- 89% of grids excavated, sampled, and backfilled
- 5 grids remain to be completed (11%)
  - 4 require over-excavation
  - 1 remains for excavation to be completed
- 20,500 cy excavated to date

### Grids to be Over-Excavated in Tier 1

Grid	Depth (ft)	PCBs (mg/kg)	TPH (mg/kg)
127-1	4.8	42	4,590
128	4.5	31	NE
156	8.5	33	NE
170	4	10.8	NE

Soil PALs: PCBs = 7.4 mg/kg; TPH = 3,500 mg/kg  
NE – not exceeded





## Update Tier 1 (continued)



View of Tier 1 looking north – October 19, 2011



## MPPEH Acceptance Sampling



- Sampling at reduced inspection level for Tier 1 material because 10 RSY pads have been inspected without any MEC/MPPEH findings
- 12 MDAS items encountered to date
- No MEC encountered to date

MPPEH Clearance Pad Status	
Action	Status (As of October 15)
MPPEH Screening by Acceptance Sampling Complete	34 Pads (approx 6,800 cy)
MPPEH QC Complete	34 Pads (approx 6,800 cy)
MPPEH QA Complete	32 Pads (approx 6,400 cy)
Total MPPEH Processed to Date (incl. 100% soil screen)	13,300 cy



## Update



- Filled 138 roll-off bins with LLRW
- Transferred approximately 6,800 cubic yards of non-LLRW for offsite disposal
- Continued erosion control and fence line inspections
- Continued collecting water samples outside turbidity curtain
- Continued air monitoring and posting results to [www.bracpmo.navy.mil](http://www.bracpmo.navy.mil)





## What's Next



- Continue offsite T&D
- Continue implementing Acceptance Sampling for MPPEH clearance
- Continue excavations and over-excavations
- Continue to backfill Tier 3
- Re-commence Tier 5 excavation
- Place temporary shoreline protection





# Shoreline Protection Material



Shoreline protection material staged along Tier 2 shoreline – October 7, 2011





## Shoreline Protection Material (continued)



Staged shoreline protection material – October 7, 2011





# Schedule



Activity	Date
Continue Hot Spots Excavation	October – November 2011
Continue Soil Screening and Implementing Acceptance Sampling Procedures	October – March 2012
Continue Backfill and Site Restoration	October 2011 – March 2012
Demobilize	March 2012
Submit Draft Removal Action Completion Report	April 2012